

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F		A2	(11) International Publication Number: WO 98/43149 (43) International Publication Date: 1 October 1998 (01.10.98)																								
(21) International Application Number: PCT/US98/05787 (22) International Filing Date: 20 March 1998 (20.03.98) (30) Priority Data: <table border="0"><tr><td>08/822,709</td><td>21 March 1997 (21.03.97)</td><td>US</td></tr><tr><td>08/841,791</td><td>5 May 1997 (05.05.97)</td><td>US</td></tr><tr><td>08/920,116</td><td>26 August 1997 (26.08.97)</td><td>US</td></tr><tr><td>09/045,386</td><td>20 March 1998 (20.03.98)</td><td>US</td></tr><tr><td>09/045,036</td><td>20 March 1998 (20.03.98)</td><td>US</td></tr><tr><td>09/045,347</td><td>20 March 1998 (20.03.98)</td><td>US</td></tr><tr><td>09/045,518</td><td>20 March 1998 (20.03.98)</td><td>US</td></tr><tr><td>09/045,084</td><td>20 March 1998 (20.03.98)</td><td>US</td></tr></table> (71) Applicant: WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP [US/US]; Four High Ridge Park, Stamford, CT 06905-1325 (US). (72) Inventors: WALKER, Jay, S.; 124 Spectacle Lane, Ridgefield, CT 06877 (US). VAN LUCHENE, Andrew, S.; 13-2a Clarmore Drive, Norwalk, CT 06850 (US). JORASCH, James, A.; Apartment 5G, 25 Forest Street, Stamford, CT 06901 (US). JINDAL, Sanjay, K.; 52 Village Walk, Wilton, CT 06987 (US). ALDERUCCI, Dean, A.; 19-8 Prospect Ridge Road, Ridgefield, CT 06877 (US).		08/822,709	21 March 1997 (21.03.97)	US	08/841,791	5 May 1997 (05.05.97)	US	08/920,116	26 August 1997 (26.08.97)	US	09/045,386	20 March 1998 (20.03.98)	US	09/045,036	20 March 1998 (20.03.98)	US	09/045,347	20 March 1998 (20.03.98)	US	09/045,518	20 March 1998 (20.03.98)	US	09/045,084	20 March 1998 (20.03.98)	US	(74) Agents: ALDERUCCI, Dean et al.; Walker Digital Corporation, Intellectual Property Dept., Five High Ridge Park, Stamford, CT 06905-1326 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>	
08/822,709	21 March 1997 (21.03.97)	US																									
08/841,791	5 May 1997 (05.05.97)	US																									
08/920,116	26 August 1997 (26.08.97)	US																									
09/045,386	20 March 1998 (20.03.98)	US																									
09/045,036	20 March 1998 (20.03.98)	US																									
09/045,347	20 March 1998 (20.03.98)	US																									
09/045,518	20 March 1998 (20.03.98)	US																									
09/045,084	20 March 1998 (20.03.98)	US																									
(54) Title: METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A POINT-OF-SALE TERMINAL																											
(57) Abstract <p>A POS terminal determines an upsell to offer in exchange for the change due to a customer in connection with a purchase. The point-of-sale terminal preferably maintains a database of at least one upsell price and a corresponding upsell to offer a customer in exchange for the change due to him. If the customer accepts the upsell, the cashier so indicates by pressing a selection button on the POS terminal. The required payment amount for the customer to pay is then set equal to the rounded price, rather than the purchase price. Thus, the customer receives the upsell in exchange for the coins due to him, and the coins need not be exchanged between the customer and the POS terminal.</p>																											

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CG	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakstan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

METHOD AND SYSTEM FOR PROCESSING
SUPPLEMENTARY PRODUCT SALES
AT A POINT OF SALE TERMINAL

5

FIELD OF THE INVENTION

The present invention relates to point-of-sale terminals, and, more specifically, to methods and systems for processing product sales at point-of-sale terminals.

10

BACKGROUND OF THE INVENTION

This invention relates to a lottery ticket transaction system. More particularly, the present invention relates to a system and a method for selling lottery tickets using point-of-sale ("POS") terminals that generate sales receipts containing both merchandise sales information and lottery ticket information.

Many states in the United States, as well as some foreign countries, have government-conducted lottery systems. Government-conducted lotteries offer the public a desirable product (usually the chance to win a large cash prize), and have the benefit of increasing governmental revenues without burdening the public with additional or increased taxes. In many instances, the revenue generated from a governmental lottery is dedicated to a particular purpose or goal, such as improving the education system or reducing property taxes.

25 In a typical government-conducted lottery system, a central lottery computer is used to communicate with dedicated lottery terminals. A player selects numbers on a lottery playslip, and the lottery terminal operator inserts the lottery playslip into a reader at the

lottery terminal, which optically reads the lottery playslip using a known mark-sense process. The dedicated lottery terminal then communicates the player's selected numbers to a central lottery computer which in turn stores them. After the lottery numbers have been stored, the dedicated lottery terminal, under the control of the central lottery computer,
5 prints and issues the lottery ticket.

One popular lottery game, known as "lotto," typically requires the player to choose six numbers from one to forty-two. The selected group of numbers are then compared to the winning lottery numbers, which have been randomly selected from the larger pool of numbers, from one to forty-two, at some specified time and date after purchase of the lotto
10 ticket, usually once or twice each week. To win a prize, the lotto ticket numbers must be equal to all or some of the winning lottery numbers.

While players may select their own lottery numbers, most lotto games provide the option of having the central lottery computer system select random "quick-pick" lottery numbers instead. This saves the purchaser the time and inconvenience of picking his or her
15 own numbers. These automatic lottery number generation systems are usually known as "quick-pick" systems.

A variety of games may be played in a typical lottery. In conventional lottery games, a player purchases a lottery ticket. Inscribed on that lottery ticket are one or more lottery numbers and a serial number. The serial number functions as a simple method of fraud
20 prevention, because it uniquely identifies each lottery ticket sold. The lottery number also allows both the player and the lottery system to identify a winner; specifically, the lottery numbers are compared by the player to a "winning number list", to determine if the player has won a prize.

Beställare

PATPRYD

Ärende

n02003/234

Dokument

WO 9843149A2 I

Antal sidor utöver denna

290

THIS PAGE BLANK (USPTO)